

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007726.D
 Acq On : 20 Dec 2018 05:05
 Operator : SY/AP
 Sample : J6362-01RE
 Misc : 4.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1

Quant Time: Dec 20 06:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

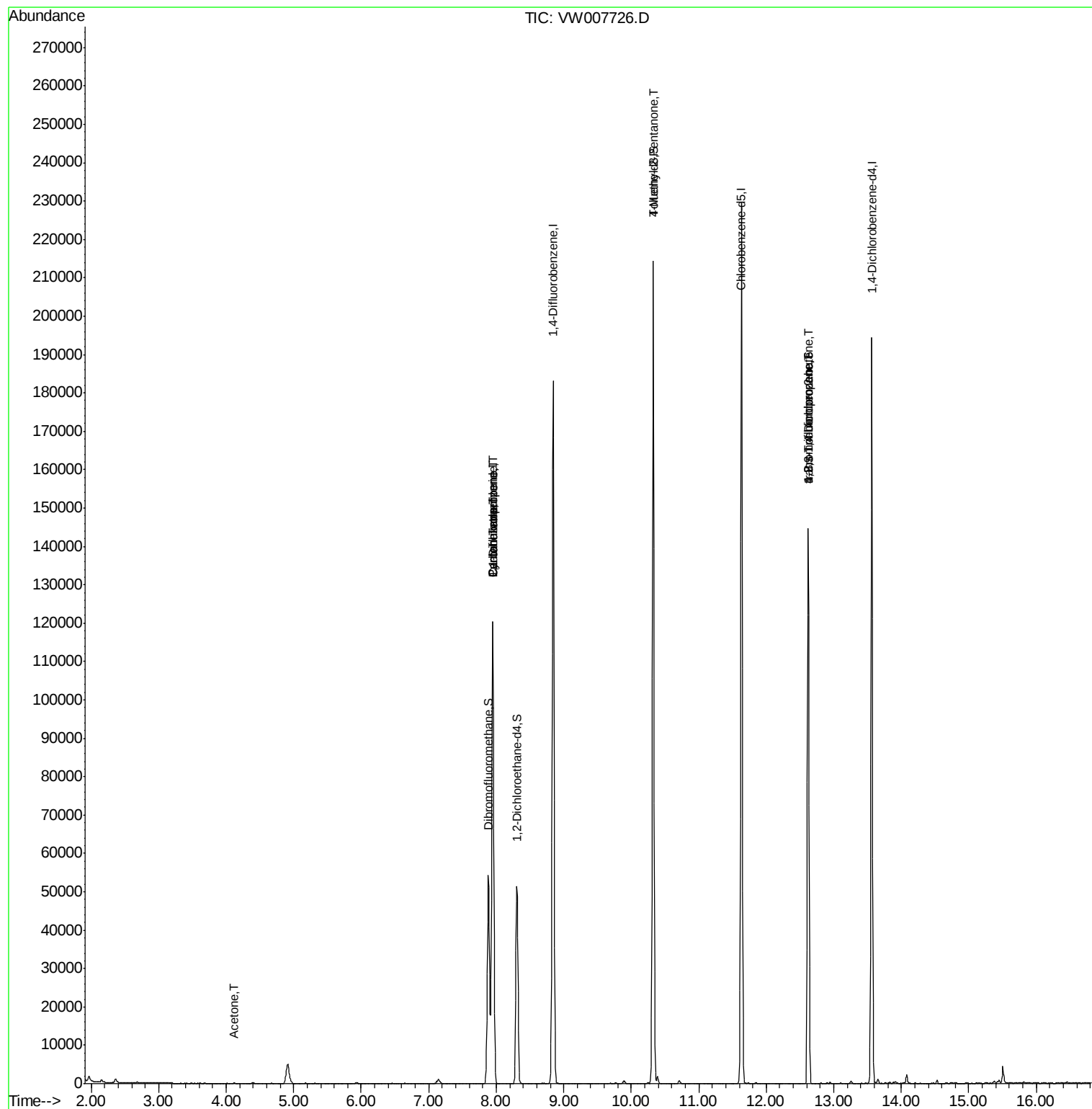
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	157497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44296	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	7.88	113	40277	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
50) Toluene-d8	10.32	98	142934	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
62) 4-Bromofluorobenzene	12.62	95	49458	35.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	425	2.305	ug/l #	48
20) Methylene Chloride	4.90	84	4548	Below Cal		92
31) Cyclohexane	7.95	56	2005	1.368	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	6642	4.369	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9513	5.314	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	572	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	25429	63.758	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25429	133.833	ug/l #	9

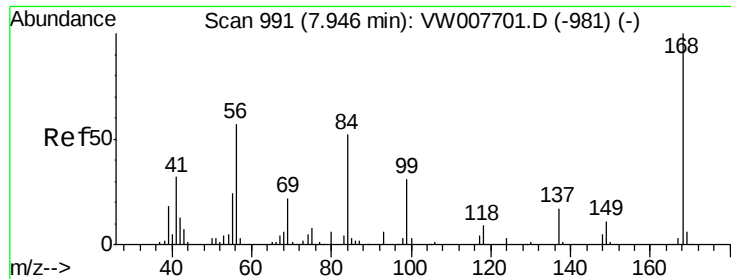
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007726.D

Acq: 20 Dec 2018 05:05

Instrument :

MSVOA_W

ClientSampled :

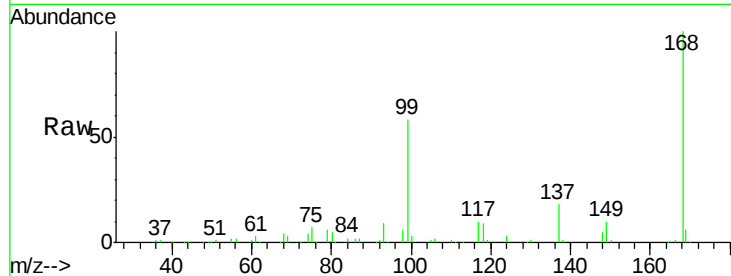
P-1

Tgt Ion: 168 Resp: 89839

Ion Ratio Lower Upper

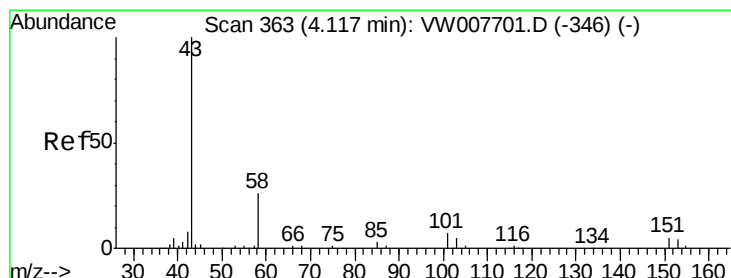
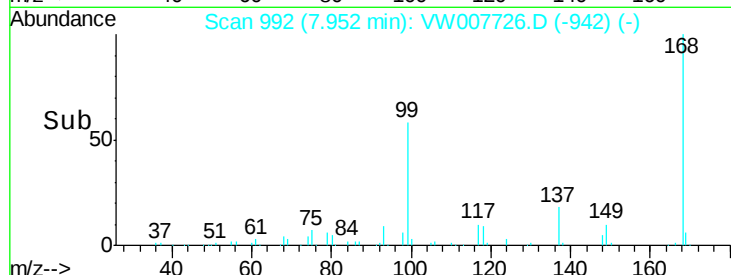
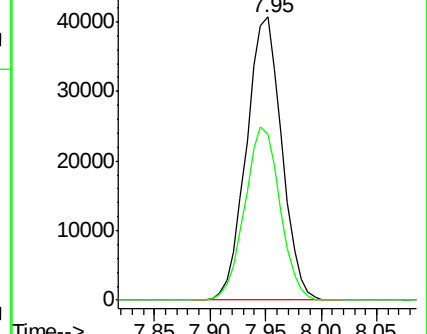
168 100

99 58.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.305 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007726.D

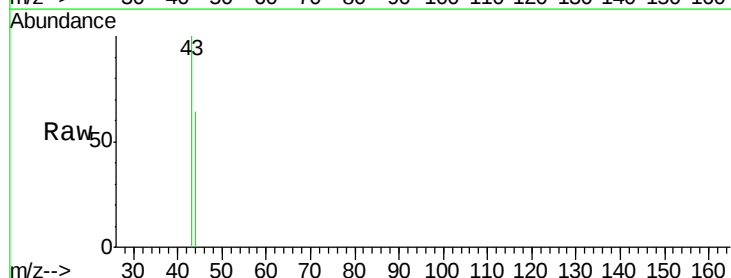
Acq: 20 Dec 2018 05:05

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

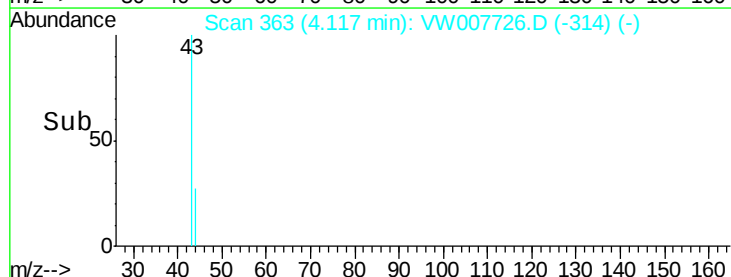
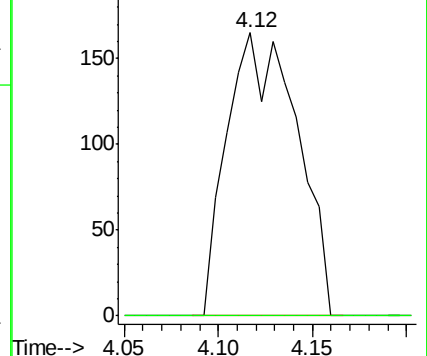
43 100

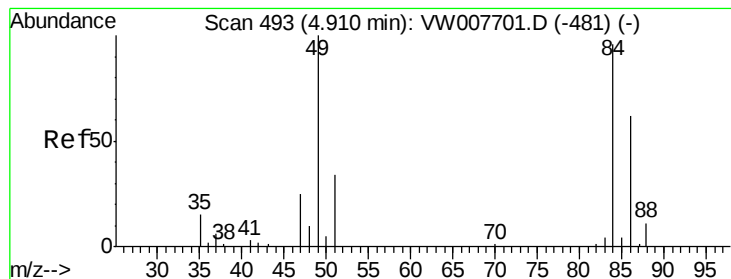
58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW007726.D

Acq: 20 Dec 2018 05:05

Instrument :

MSVOA_W

ClientSampled :

P-1

Tgt Ion: 84 Resp: 4548

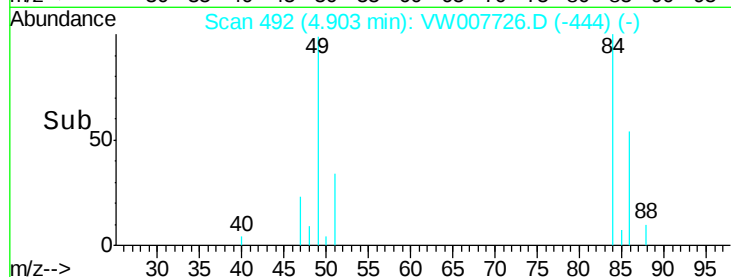
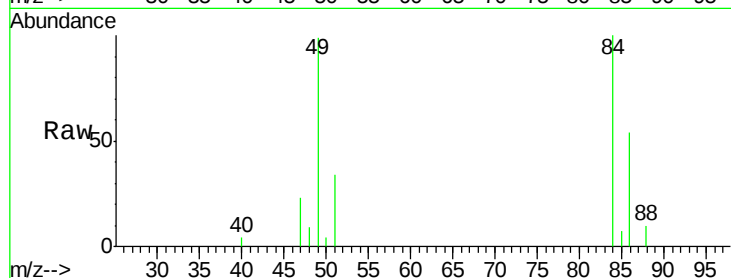
Ion Ratio Lower Upper

84 100

49 98.6 83.7 125.5

51 34.5 28.2 42.2

86 54.1 52.2 78.2

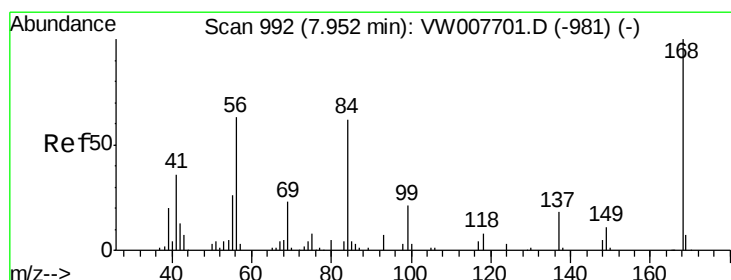
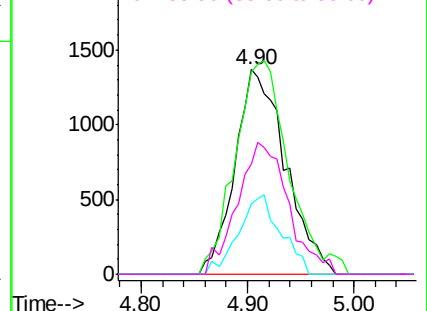


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007726.D

Acq: 20 Dec 2018 05:05

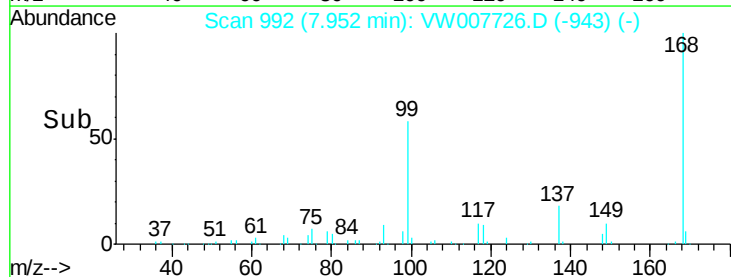
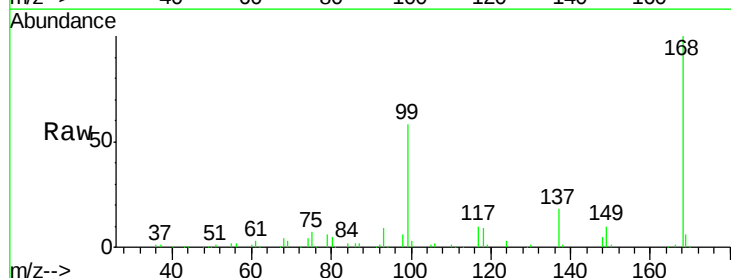
Tgt Ion: 56 Resp: 2005

Ion Ratio Lower Upper

56 100

69 141.1 29.7 44.5#

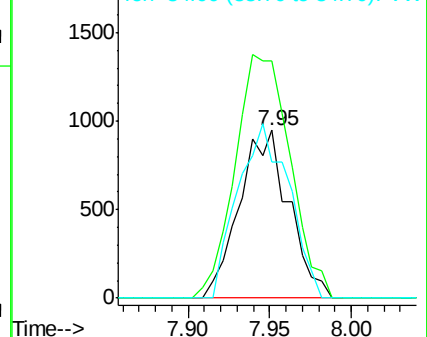
84 81.3 78.9 118.3

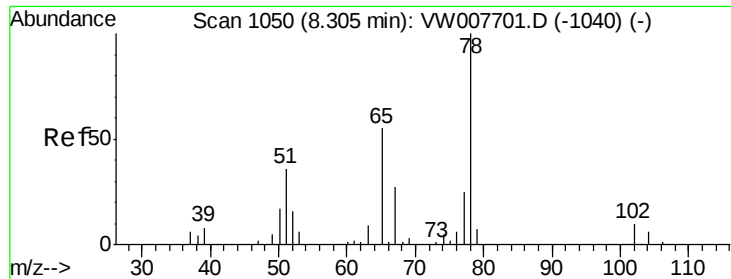


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

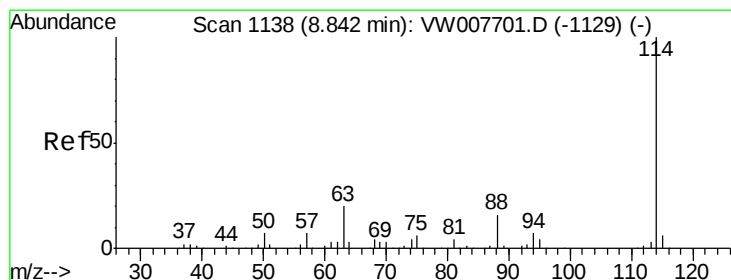
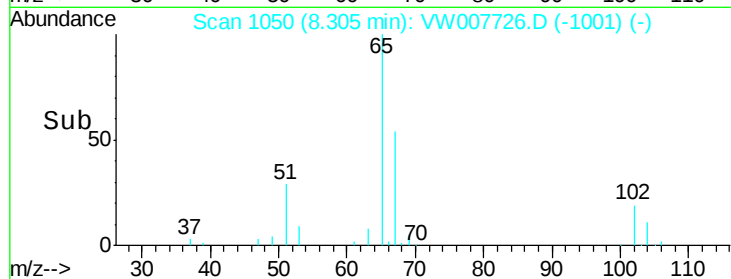
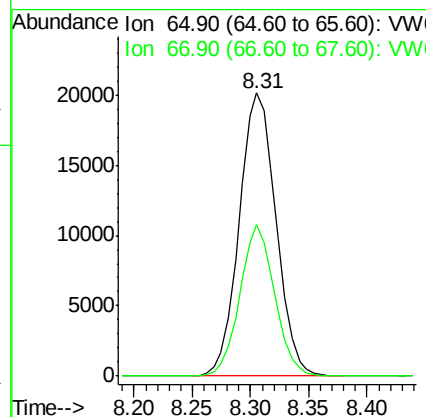
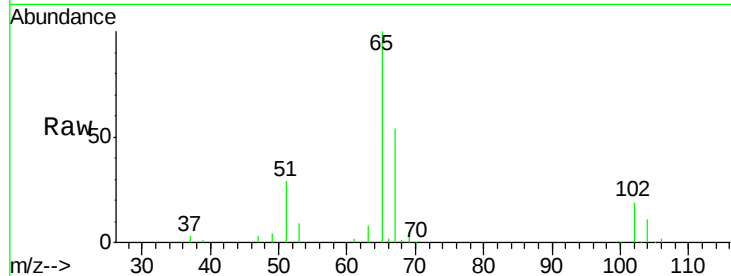




#33
 1,2-Dichloroethane-d4
 Concen: 44.985 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007726.D
 Acq: 20 Dec 2018 05:05

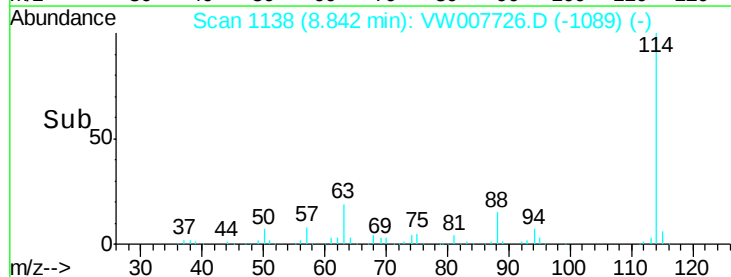
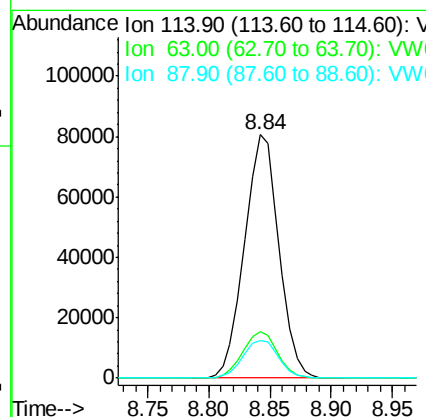
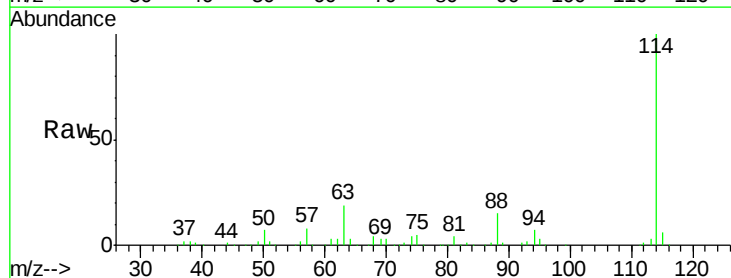
Instrument :
 MSVOA_W
 ClientSampled :
 P-1

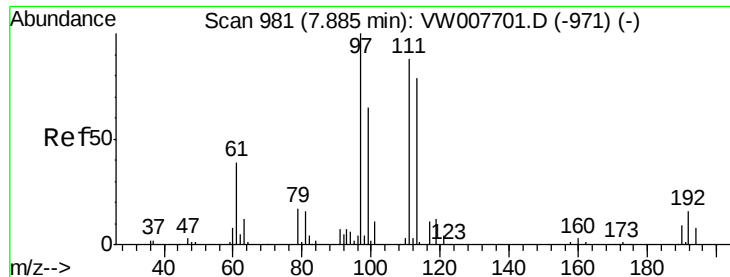
Tgt Ion: 65 Resp: 44296
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007726.D
 Acq: 20 Dec 2018 05:05

Tgt Ion: 114 Resp: 157497
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.920 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007726.D

Acq: 20 Dec 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

P-1

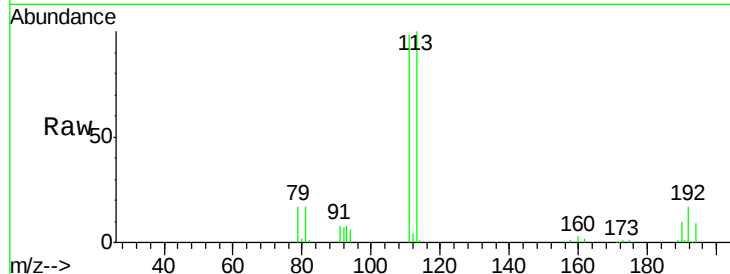
Tgt Ion:113 Resp: 40277

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

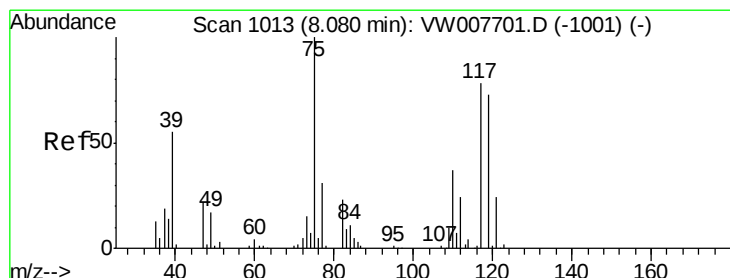
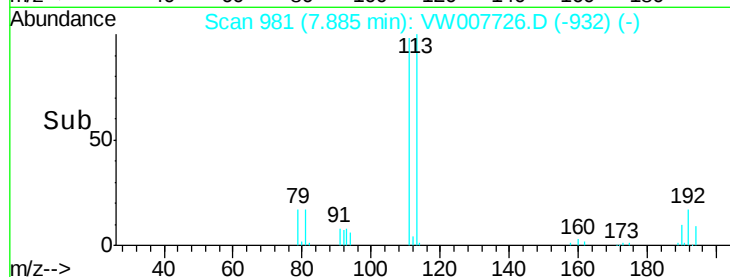
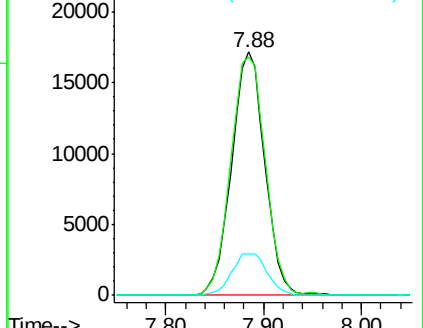
192 18.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.369 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007726.D

Acq: 20 Dec 2018 05:05

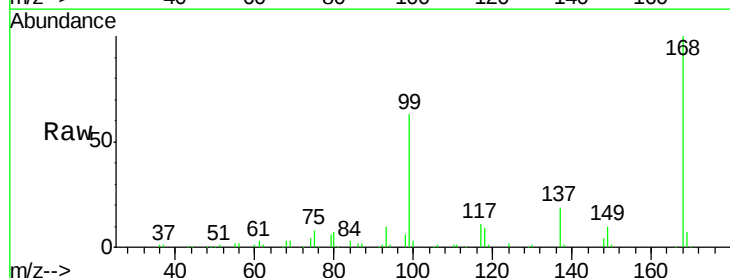
Tgt Ion: 75 Resp: 6642

Ion Ratio Lower Upper

75 100

110 10.2 18.6 55.8#

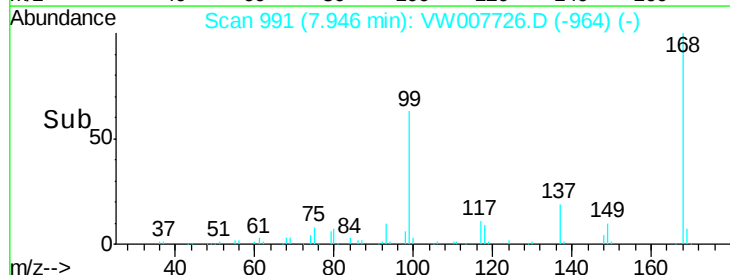
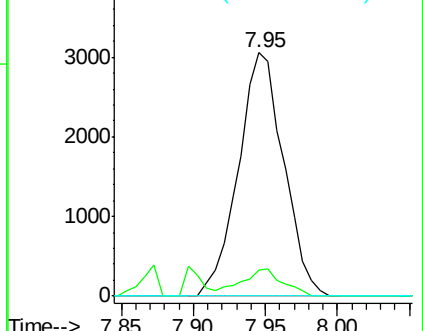
77 0.0 25.0 37.4#

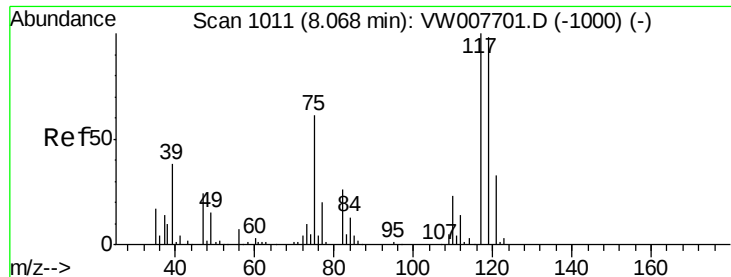


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

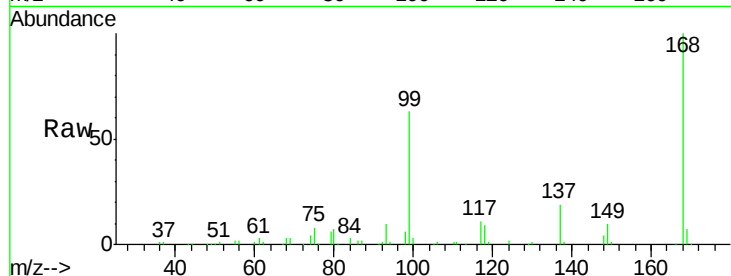




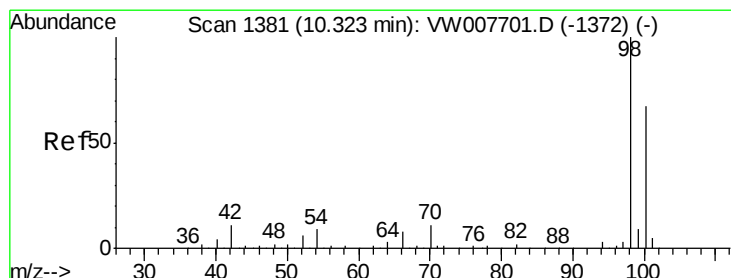
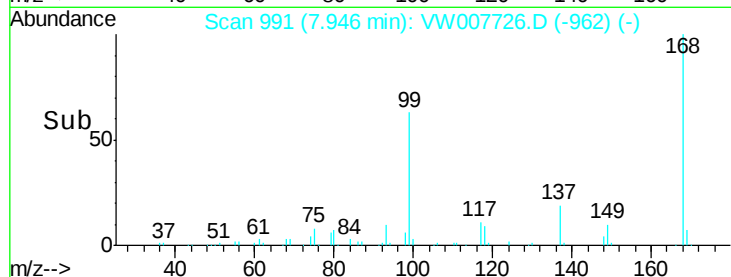
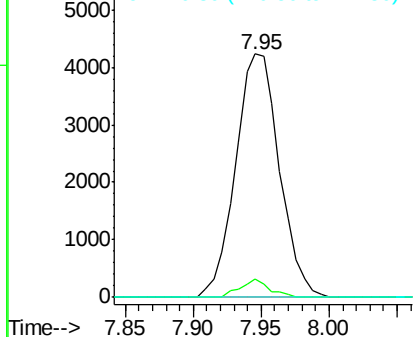
#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

Instrument :
MSVOA_W
ClientSampled :
P-1

Tgt Ion:117 Resp: 9513
Ion Ratio Lower Upper
117 100
119 7.6 78.2 117.2#
121 0.0 26.1 39.1#

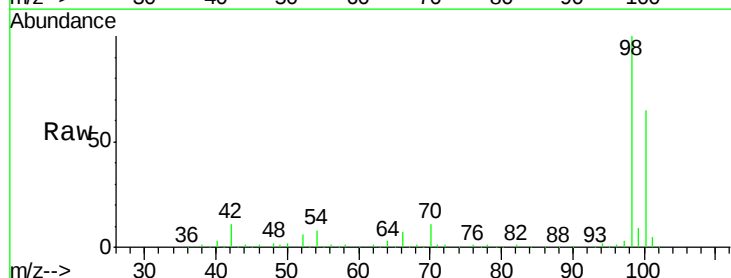


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

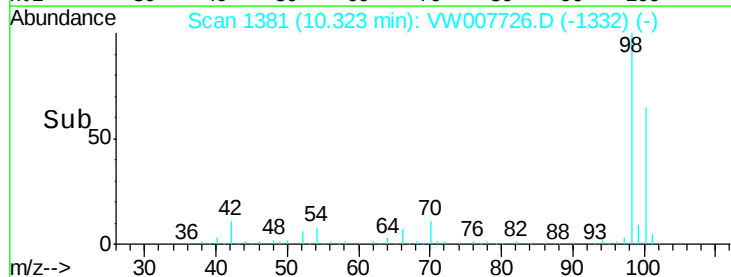
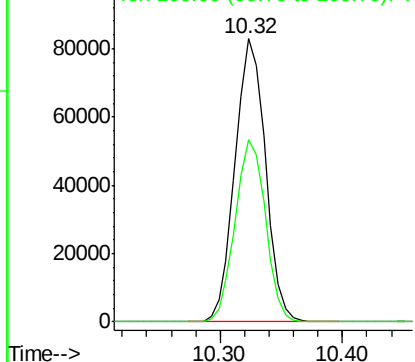


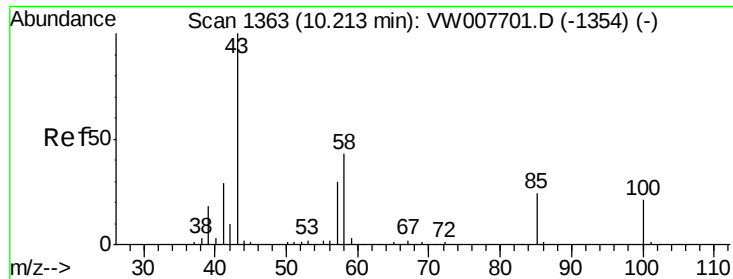
#50
Toluene-d8
Concen: 39.461 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

Tgt Ion: 98 Resp: 142934
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

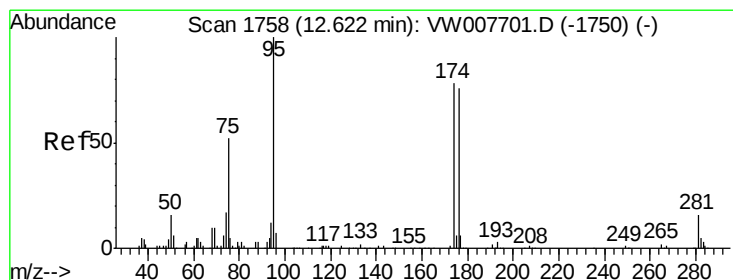
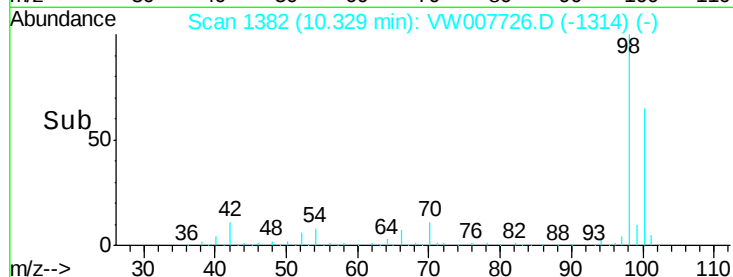
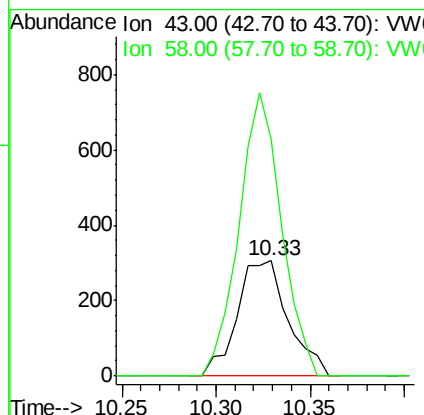
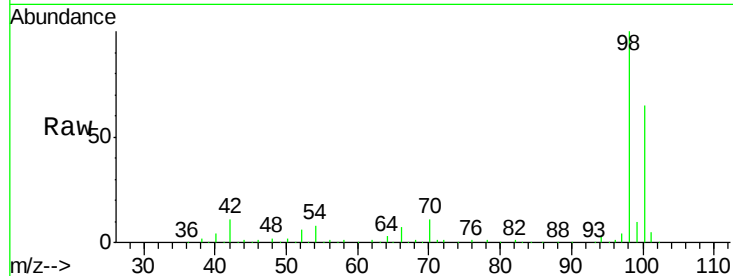




#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

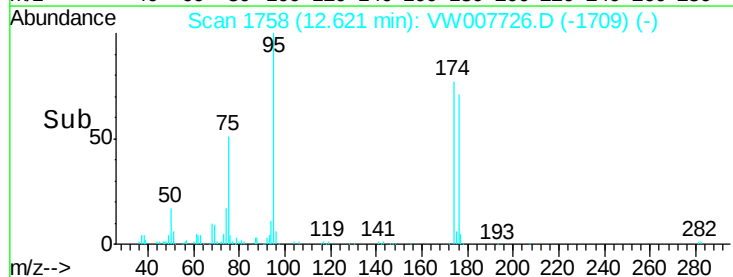
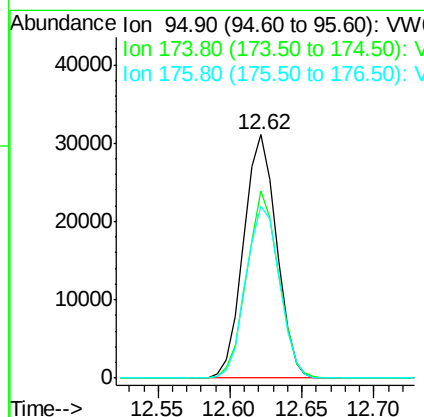
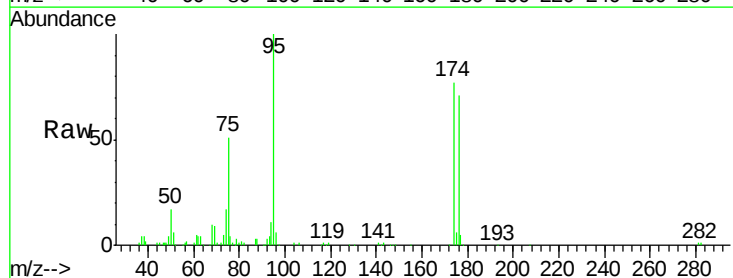
Instrument :
MSVOA_W
ClientSampleId :
P-1

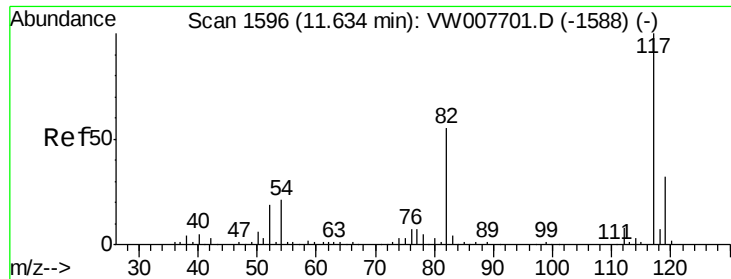
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 204.7 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 35.345 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

Tgt Ion: 95 Resp: 49458
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.2
176 71.9 0.0 146.8

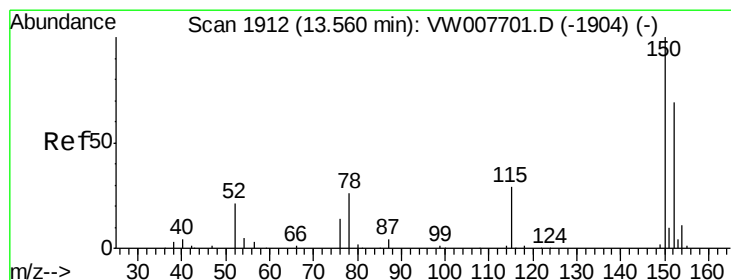
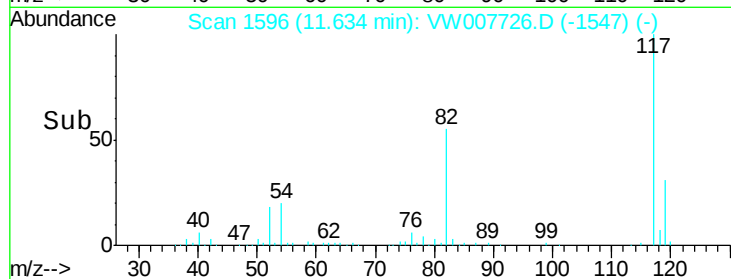
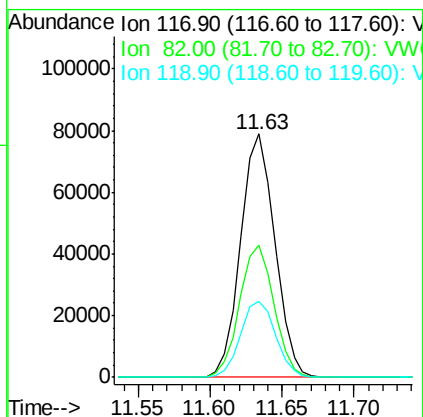
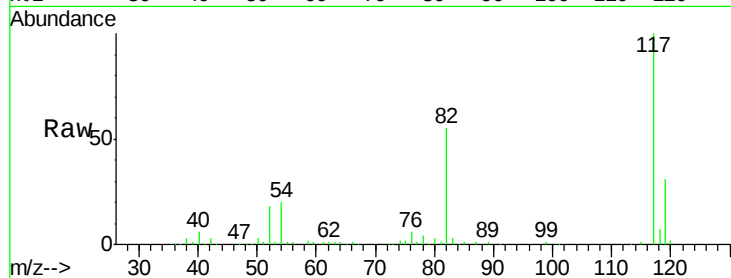




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

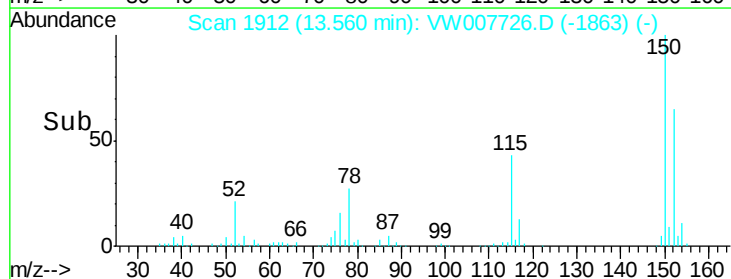
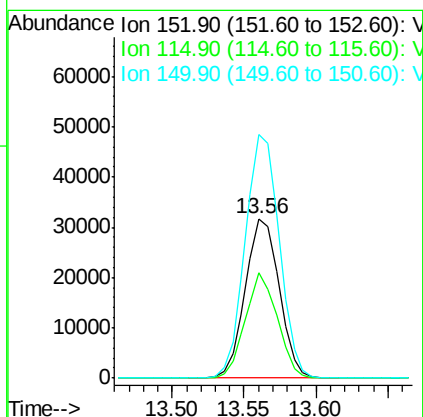
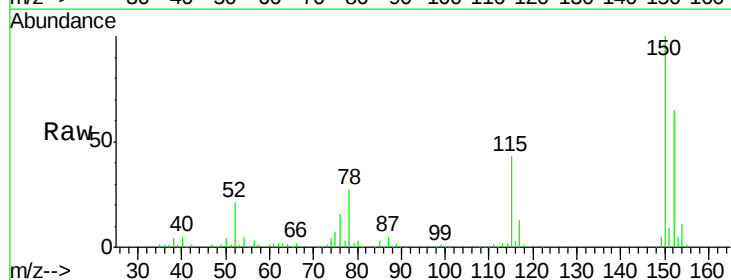
Instrument :
MSVOA_W
ClientSampleId :
P-1

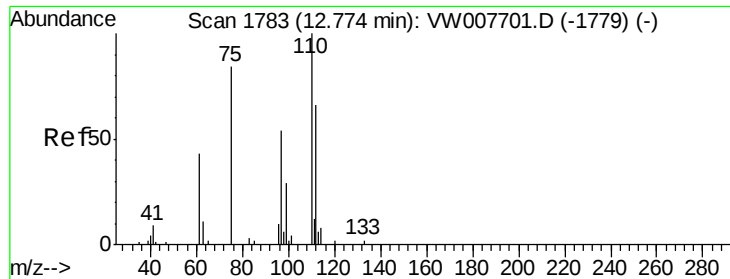
Tgt Ion:117 Resp: 130348
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007726.D
Acq: 20 Dec 2018 05:05

Tgt Ion:152 Resp: 51602
Ion Ratio Lower Upper
152 100
115 62.2 31.8 95.4
150 153.8 0.0 350.8

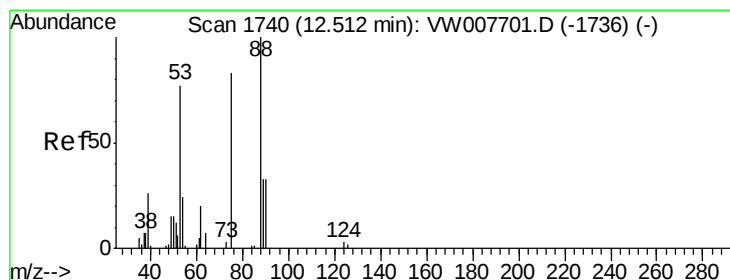
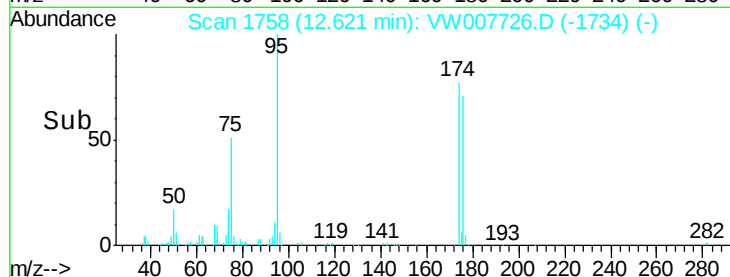
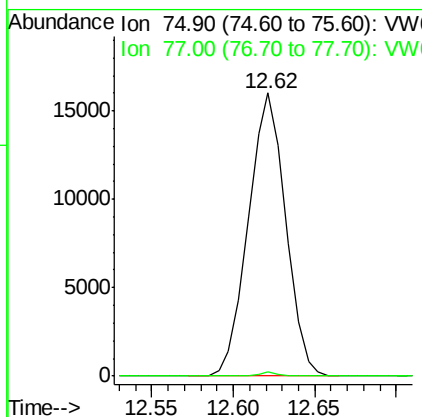
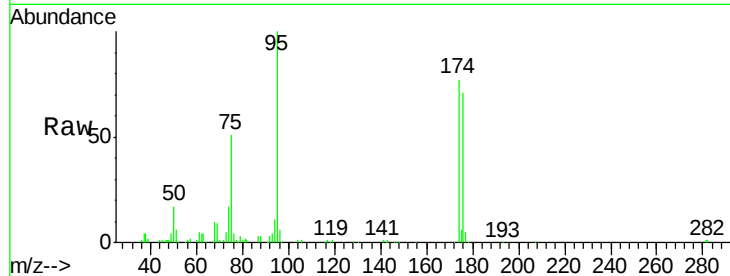




#76
 1,2,3-Trichloropropane
 Concen: 63.758 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007726.D
 Acq: 20 Dec 2018 05:05

Instrument :
 MSVOA_W
 ClientSampled :
 P-1

Tgt Ion: 75 Resp: 25429
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.833 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007726.D
 Acq: 20 Dec 2018 05:05

Tgt Ion: 75 Resp: 25429
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.2 58.8#

